

**REMARKS**

Claims 1-19 have been examined and have been rejected under 35 U.S.C. § 103(a).

**I. Rejections under 35 U.S.C. § 103(a) in view of over Masao (JP 59045738) and Thompson et al. (U.S. 3,699,479)**

The Examiner has rejected claim 1 under 35 U.S.C. § 103(a) as allegedly being unpatentable over Masao in view of Thompson.

Applicant submits that claim 1 is patentable over the cited references. For example, claim 1 recites forming a count from a first transmitted sequence. Claim 1 further recites generating error information when a first final value of the count differs from a second final value, where the second final value is also formed from the first transmitted sequence.

The Examiner continues to maintain that the above features are taught in the Abstract of Masao. In the May 16, 2006 Response, Applicant specifically requested the Examiner to indicate where the claimed first transmitted sequence, first final value and second final value are taught in the Abstract of Masao. In response to this request, the Examiner appears to maintain that the set data of Masao discloses the claimed first transmitted sequence, the end result determined by the MPX discloses the claimed first final value and the end result count of the RD signal discloses the claimed second final value (pg. 2 of Office Action). Applicant submits, however, that as recited in claim 1, both the first final value and the second final value are determined from the first transmitted sequence. Applicant submits that since the alleged second

final value of Masao is formed from the RD signal rather than the set data (alleged first transmitted sequence), Masao fails to teach or suggest the claimed second final value.

Since Thompson fails to cure the deficient teachings of Masao set forth above, Applicant submits that claim 1 is patentable over the cited references. Applicant respectfully requests the Examiner to reconsider and withdraw the rejection.

**II. Rejections under 35 U.S.C. § 103(a) in view of Masao, Thompson and Roche (US 4,138,596)**

The Examiner has rejected claims 2-3 under 35 U.S.C. § 103(a) as allegedly being unpatentable over Masao, Thompson and Roche. However, since claims 2 and 3 are dependent upon claim 1, and Roche fails to cure the deficient teachings of Masao and Thompson in regard to claim 1, Applicant submits that claims 2 and 3 are patentable at least by virtue of their dependency.

**III. Rejections under 35 U.S.C. § 103(a) in view of Masao, Thompson, Roche and Sainomoto et al. (US 2001/0054109 A1)**

The Examiner has rejected claims 4 under 35 U.S.C. § 103(a) as allegedly being unpatentable over Masao, Thompson, Roche and Sainomoto. However, since claim 4 is dependent upon claim 1, and Roche and Sainomoto fail to cure the deficient teachings of Masao

and Thompson, in regard to claim 1, Applicant submits that claim 4 is patentable at least by virtue of its dependency.

**IV. Rejections under 35 U.S.C. § 103(a) in view of Masao, Thompson and Boros (US 4,095,165)**

The Examiner has rejected claims 5-6 under 35 U.S.C. § 103(a) as allegedly being unpatentable over Masao, Thompson and Boros. However, since claims 5 and 6 are dependent upon claim 1, and Boros fails to cure the deficient teachings of Masao and Thompson, in regard to claim 1, Applicant submits that claims 5 and 6 are patentable at least by virtue of their dependency.

**V. Rejections under 35 U.S.C. § 103(a) in view of Masao, Thompson and Fairbairn (US 4,181,850)**

The Examiner has rejected claim 7 under 35 U.S.C. § 103(a) as allegedly being unpatentable over Masao, Thompson and Fairbairn. However, since claim 7 is dependent upon claim 1, and Fairbairn fails to cure the deficient teachings of Masao and Thompson, in regard to claim 1, Applicant submits that claim 7 is patentable at least by virtue of its dependency.

**VI. Rejections under 35 U.S.C. § 103(a) in view of Masao, Thompson and Sato et al.**  
**(US 4,087,627)**

The Examiner has rejected claims 8-10 under 35 U.S.C. § 103(a) as allegedly being unpatentable over Masao, Thompson and Sato. However, since claims 8-10 are dependent upon claim 1, and Sato fails to cure the deficient teachings of Masao and Thompson, in regard to claim 1, Applicant submits that claims 8-10 are patentable at least by virtue of their dependency.

**VII. Rejections under 35 U.S.C. § 103(a) in view of Masao, Thompson and Gomm et al.**  
**(US 5,650,761)**

The Examiner has rejected claims 11-15 under 35 U.S.C. § 103(a) as allegedly being unpatentable over Masao, Thompson and Gomm.

**A. Claims 11, 13 and 15**

Since claims 11, 13 and 15 contain features that are analogous to the features discussed above in regard to claim 1, and Gomm fails to cure the deficient teachings of Masao and Thompson regarding claim 1, Applicant submits that claims 11, 13 and 15 are patentable for at least analogous reasons as claim 1.

**B. Claims 12 and 14**

Since claims 12 and 14 are dependent upon one of claims 11 and 13, Applicant submits that such claims are patentable at least by virtue of their dependency.

**VIII. Rejections under 35 U.S.C. § 103(a) in view of Masao, Thompson, Gomm, Kuttruff et al. (US2002/0080864 A1) and Eckstein et al. (US 2001/0040507 A1)**

The Examiner has rejected claims 16-19 under 35 U.S.C. § 103(a) as allegedly being unpatentable over Masao, Thompson, Kuttruff and Eckstein. However, since claims 16-19 are dependent upon claim 15, and Kuttruff and Eckstein fail to cure the deficient teachings of Masao and Thompson, in regard to claim 15, Applicant submits that claims 16-19 are patentable at least by virtue of their dependency.

**IX. Conclusion**

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

Response under 37 C.F.R. § 1.116  
U.S. Application No. 10/722,499

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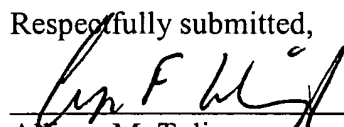
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